

# DUAL-BAND ANTENNA

## Abstract

The dual-band antenna of the present invention includes a substrate having a first edge, an emitting unit, a transmission line, and a ground pad. The emitting unit disposed on the first surface of the substrate has a first wire and a second wire, which are crossed at a feeding point. The transmission line coupled to the feeding point is used to transmit the RF signals. The ground pad disposed on the second surface of the substrate has a base and an extension. The base is extended from the substrate toward feeding point. The extension is adjacent to the emitting unit and is extended from the base toward the first edge. The combination of the base and the extension forms an "L" shape.